

INTERNATIONAL SEARCH REPORT

Interr	Application No
PCT/IB2004/052755	

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04N7/16 H04N5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ZHOU XINGHE ET AL: "A multi-agent system for personalized and private service in PDR" INFORMATION TECHNOLOGY: CODING AND COMPUTING 'COMPUTERS AND COMMUNICATIONS!', 2003. PROCEEDINGS. ITCC 2003. INTERNATIONAL CONFERENCE ON APRIL 28-30, 2003, PISCATAWAY, NJ, USA, IEEE, 28 April 2003 (2003-04-28), pages 635-639, XP010638694 ISBN: 0-7695-1916-4 the whole document	1-16
Y	EP 0 742 669 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 13 November 1996 (1996-11-13) figure 7	1-16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

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Date of the actual completion of the international search

17 March 2005

Date of mailing of the international search report

24/03/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/47381 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 13 June 2002 (2002-06-13) page 7 figure 8	1,7,13, 15
A	WO 02/42959 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 30 May 2002 (2002-05-30) page 2 page 9 figure 8	1-16
A	US 2003/237087 A1 (KURAPATI KAUSHAL ET AL) 25 December 2003 (2003-12-25) figure 3	1-16
A	GB 2 387 676 A (* AGENA LIMITED) 22 October 2003 (2003-10-22) page 8 page 19	1-16
A	TV-ANYTIME: "Specification Series : S-3 - Metadata - SP003v1.1" SPECS, 17 August 2001 (2001-08-17), XP002205700 the whole document	1-16
A	EVAIN J-P: "TV-Anytime A preliminary specification on schedule " EBU REVIEW TECHNICAL, EUROPEAN BROADCASTING UNION, GENEVA, CH, September 2000 (2000-09), pages 1-14, XP002279571 ISSN: 1018-7391 the whole document	1-16
A,P	YU Z ET AL: "TV3P: AN ADAPTIVE ASSISTANT FOR PERSONALIZED TV" IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, IEEE INC. NEW YORK, US, vol. 50, no. 1, February 2004 (2004-02), pages 393-399, XP001198155 ISSN: 0098-3063 the whole document	1-16
A	KAUSHAL KURAPATI ET AL: "A Multi-Agent TV Recommender" WORKSHOP ON PERSONALIZATION IN FUTURE TV, XX, XX, 13 July 2001 (2001-07-13), pages 1-8, XP002228385 the whole document	1-16

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Intern — I Application No
PCT/IB2004/052755

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EHRMANTRAUT M ET AL: "THE PERSONAL ELECTRONIC PROGRAM GUIDE - TOWARDS THE PRE-SELECTION OF INDIVIDUAL TV PROGRAMS" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON INFORMATION AND KNOWLEDGE MANAGEMENT CIKM, ACM, NEW YORK, NY, US, 12 November 1996 (1996-11-12), pages 243-250, XP002071337 the whole document -----	1-16
A	COTTER P ET AL: "PTV: INTELLIGENT PERSONALISED TV GUIDES" PROCEEDINGS OF THE NATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND THE INNOVATIVE APPLICATIONS OF ARTIFICIAL INTELLIGENCE CONFERENCE, XX, XX, 30 July 2000 (2000-07-30), pages 957-964, XP008020497 the whole document -----	1-16
A	US 2003/051240 A1 (SCHAFER J. DAVID ET AL) 13 March 2003 (2003-03-13) the whole document -----	1-16
A	WO 02/11445 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 7 February 2002 (2002-02-07) the whole document -----	1-16

INTERNATIONAL SEARCH REPORT

information on patent family members

Intern

Application No

PCT/IB2004/052755

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0742669	A	13-11-1996	US 5659366 A	19-08-1997
			DE 69604614 D1	18-11-1999
			DE 69604614 T2	25-05-2000
			EP 0742669 A1	13-11-1996
			JP 8307840 A	22-11-1996
			JP 2004048791 A	12-02-2004
WO 0247381	A	13-06-2002	US 2002104087 A1	01-08-2002
			CN 1422497 A	04-06-2003
			WO 0247381 A2	13-06-2002
			EP 1346569 A2	24-09-2003
			JP 2004515979 T	27-05-2004
WO 0242959	A	30-05-2002	WO 0242959 A2	30-05-2002
			EP 1340179 A2	03-09-2003
			JP 2004515145 T	20-05-2004
US 2003237087	A1	25-12-2003	WO 2004002157 A1	31-12-2003
GB 2387676	A	22-10-2003	AU 2003219333 A1	03-11-2003
			WO 03090466 A2	30-10-2003
US 2003051240	A1	13-03-2003	EP 1435177 A1	07-07-2004
			WO 03024108 A1	20-03-2003
			JP 2005502968 T	27-01-2005
WO 0211445	A	07-02-2002	WO 0211445 A2	07-02-2002
			EP 1316214 A2	04-06-2003
			JP 2004505562 T	19-02-2004